

IN THE U.S. PATENT AND TRADEMARK OFFICE

Express Mail Label No.: EU 838 068 707 US

Attorney Docket No.: MP247C

Applicant(s): John R. MIHALISIN, John CORRIGAN, Gilbert M. GRATTI, and
Russell G. VOGT

Title: CASTING OF SINGLE CRYSTAL SUPERALLOY ARTICLES WITH REDUCED
EUTECTIC SCALE AND GRAIN RECRYSTALLIZATION

MS Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This is a request for filing a [X] continuation application under 37
CFR 1.53(b) of pending prior application:

Serial No.: 09/276,858 Filed: March 26, 1999

Applicant(s): John R. MIHALISIN, John CORRIGAN, Gilbert M. GRATTI, and
Russell G. VOGT

For: CASTING OF SINGLE CRYSTAL SUPERALLOY ARTICLES WITH REDUCED
EUTECTIC SCALE AND GRAIN RECRYSTALLIZATION

Group: 1742 Examiner: Wessman

Enclosed is:

1. [X] A copy of the prior application (specification-13 pages,
claims-5 pages, Abstract-1 page, drawings-2 sheets) in which no
new matter is presented, including the declaration.
2. [] Specification, Claims, Abstract, Drawings (for CIP).
3. [] This application is entitled to small entity status.
4. [X] The filing fee is calculated as follows, based on the claims
filed in the prior application but after cancelling any claims
which this transmittal indicates are to be cancelled prior to
such calculation:

For	No. Filed	No. Extra	(X) LG Entity	RATE SM Entity	() Fee
Basic Fee				\$750.00	\$375.00 \$750.00
Total Claims	(20 - 20 = 0)		x	\$ 18.00	x \$ 9.00 0.00
Indep. Claims	(6 - 3 = 3)		x	\$ 84.00	x \$ 42.00 126.00
[] Multiple Dependent Claim			+	\$280.00	+ \$140.00 0.00
* * * TOTAL FILING FEE * * *					\$876.00

5. [X] A check for \$ 876.00 is enclosed to cover fees.

6. [] Please charge \$ _____ to Deposit Account No. 20-1124.

16085 U.S. PTO
07/11/03

21910 U.S. PTO
10/618054
07/11/03

Rule 1.53(b) Transmittal - Page 2

7. [X] The Commissioner is hereby authorized to charge any additional filing fees under 37 CFR 1.16 which may be required by this communication, or to credit any overpayment, to Deposit Account No. 20-1124. A copy of this sheet is enclosed.
8. [] A Statement under 37 CFR 1.9 and 1.27 regarding small entity status:
- a. [] was filed in prior application Serial No. _____ filed _____.
- b. [] is enclosed. (Not required if a Statement is in the prior application.)
9. [] Cancel in this application original Claims _____ of the prior application before calculating the filing fee. (Retain at least one independent claim.)
10. [X] Amend the specification by inserting before the first line the sentence: ---This is a [X] continuation [] division of Serial No. 09/276 858 filed March 26, 1999.---
11. [] Transfer the formal drawings from the prior application to this application and abandon said prior application as of the filing date accorded this application. A duplicate copy of this sheet is enclosed for filing in the prior application file. (May only be used if signed by a person authorized by 37 CFR 1.138 and before payment of the issue fee.)
12. [X] 2 Drawing sheets enclosed:
13. [] Priority is claimed under 35 USC 119 based on ___ Application No. ___ filed ____.
- [] The certified copy has been filed in prior application Serial No. __, filed ____.
14. [X] The Power of Attorney in the prior application is to Edward J. Timmer (Reg. No. 27 402) of Walnut Woods Centre, 5955 W. Main Street, Kalamazoo, MI 49009.
- [X] The Power appears in the papers in the prior application.

15. [X] The prior application is assigned of record to
Howmet Research Corporation.
16. [] An Amendment Before First Office Action is enclosed. (Claims added are numbered consecutively beginning with the number next following the highest numbered original claim.)
17. [X] I hereby verify that the attached papers are a true copy of prior application Serial No. 09/276,858 as filed March 26, 1999, the declaration being a copy from the file history of the first filed prior application.
18. [X] Acknowledgment Postal Card

The undersigned declares further that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Please address all telephone calls to the undersigned at (269) 629-9136. Please address all correspondence to:

Edward J. Timmer
Walnut Woods Centre
5955 W. Main Street
Kalamazoo, MI 49009

The undersigned is: [X] an attorney of record in the prior application.

[] acting under 37 CFR 1.34(a).

IN DUPLICATE

Respectfully submitted,,



EJT/gg

Edward J. Timmer (Reg. No. 27 402)

Encl: Listed Above

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

"Express Mail" Mailing Label No.: EU 838 068 707 US

Date of Mailing: July 11, 2003

Applicant(s) : John R. MIHALISIN et al.

Title : CASTING OF SINGLE CRYSTAL SUPERALLOY ARTICLES
WITH REDUCED EUTECTIC SCALE AND GRAIN
RECRYSTALLIZATION

Serial No. : not known

Filed : not known

Atty Docket No.: MP247C

MS Patent Application

Commissioner for Patents

P.O. Box 1450

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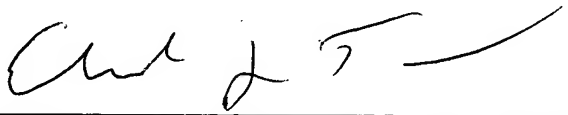
EXPRESS MAILING CERTIFICATE

Sir:

I hereby certify that the attached paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to:

Commissioner for Patents,
P.O. Box 1450, Alexandria, VA
22313-1450.

By:


Edward J. Timmer, Reg. No. 27402

Date: July 11, 2003

Document(s) attached: Rule 1.53 Continuation
Application Transmittal
Copy of Specification, Claims,
Abstract, Drawings and Declaration,
Check for \$876.00, Postal Card

Telephone: (269) 629-9136